RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/673,448DSource: IFW16
Date Processed by STIC: 1-28-05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 01/28/2005

PATENT APPLICATION: US/09/673,448D

TIME: 15:33:10

3	<110> APPLICANT: CLARK, Susan J.	
4	MILLER, Douglas S.	
5	MOLLOY, Peter L.	
7	<120> TITLE OF INVENTION: ASSAY FOR METHYLATION IN THE GST-Pi Gene	
9	<130> FILE REFERENCE: Q61152	
11	<140> CURRENT APPLICATION NUMBER: US 09/673,448D	
12	<141> CURRENT FILING DATE: 2000-11-27	
14	<150> PRIOR APPLICATION NUMBER: PCT/AU99/00306	
15	<151> PRIOR FILING DATE: 1999-04-23	
17	<150> PRIOR APPLICATION NUMBER: PP 3129	
18	<151> PRIOR FILING DATE: 1998-04-23	
20	<160> NUMBER OF SEQ ID NOS: 60	
22	<170> SOFTWARE: PatentIn version 3.3	
	<210> SEQ ID NO: 1	
25	<211> LENGTH: 29	
26	<212> TYPE: DNA	
27	<213> ORGANISM: Homosapiens	
29	<400> SEQUENCE: 1	29
30	cgcgaggttt tcgttggagt ttcgtcgtc	23
33	<210> SEQ ID NO: 2	
34	<211> LENGTH: 25	
35	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
38	<400> SEQUENCE: 2	25
39	cgttattagt gagtacgcgc ggttc	23
42	<210> SEQ ID NO: 3	
43	<211> LENGTH: 24	
44	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
47	<400> SEQUENCE: 3	24
48	yggttttagg gaattttttt tege	24
	<210> SEQ ID NO: 4	
	2 <211> LENGTH: 28	
53	<pre>3 <212> TYPE: DNA</pre>	
	<pre>< <213> ORGANISM: Homo sapiens</pre>	
56	5 <400> SEQUENCE: 4	28
57	yggygygtta gttygttgyg tatatttc	20
60) <210> SEQ ID NO: 5	
	<211> LENGTH: 29	
62	2 <212> TYPE: DNA	
	3 <213> ORGANISM: Homo sapiens	
6	5 <400> SEQUENCE: 5	29
6	gggaattttt tttcgcgatg tttyggcgc	49

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/673,448D

DATE: 01/28/2005
TIME: 15:33:10

69 <210> SEQ ID NO: 6	
70 <211> LENGTH: 24	
71 <212> TYPE: DNA	
72 <213> ORGANISM: Homo sapiens	
74 <400> SEQUENCE: 6	24
75 tttttagggg gttyggagcg tttc	
78 <210> SEQ ID NO: 7	
79 <211> LENGTH: 19	
80 <212> TYPE: DNA	
81 <213 > ORGANISM: Homo sapiens	
83 <400> SEQUENCE: 7	19
84 ggtaggttgy gtttatcgc	
87 <210> SEQ ID NO: 8 88 <211> LENGTH: 27	
88 <211> HENGIR. 27 89 <212> TYPE: DNA	
90 <213> ORGANISM: Homosapiens	
90 <213 > ORGANISM: NomeSuprems 92 <400 > SEQUENCE: 8	
93 aaaaattcra atctctccga ataaacg	27
96 <210> SEQ ID NO: 9	
96 <210> SEQ 1D NO. 9 97 <211> LENGTH: 27	
98 <212> TYPE: DNA	
99 <213> ORGANISM: Homosapiens	
101 <400> SEQUENCE: 9	
102 aaaaaccraa ataaaaacca cacgacg	27
105 <210> SEQ ID NO: 10	
106 <211> LENGTH: 25	
107 <212> TYPE: DNA	
108 <213> ORGANISM: Homo sapiens	
110 <400> SEQUENCE: 10	
111 teccatecet eccegaaacg etecg	25
114 <210> SEQ ID NO: 11	
115 <211> LENGTH: 33	
116 <212> TYPE: DNA	
117 <213> ORGANISM: Homosapiens	
119 <400> SEQUENCE: 11	2.2
120 gaaacgctcc gaacccccta aaaaccgcta acg	33
123 <210> SEQ ID NO: 12	
124 <211> LENGTH: 27	
125 <212> TYPE: DNA	
126 <213> ORGANISM: Homo sapiens	
128 <400> SEQUENCE: 12	27
129 crccctaaaa tccccraaat crccgcg	21
132 <210> SEQ ID NO: 13	
133 <211> LENGTH: 30	
134 <212> TYPE: DNA	
135 <213> ORGANISM: Homo sapiens	
137 <400> SEQUENCE: 13	30
138 accccracra ccrctacacc ccraacgtcg	30
141 <210> SEQ ID NO: 14	

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/673,448D

DATE: 01/28/2005
TIME: 15:33:10

Input Set : A:\Q61152revseq.ST25.txt
Output Set: N:\CRF4\01282005\I673448D.raw

142 <211> LENGTH: 31 143 <212> TYPE: DNA 144 <213> ORGANISM: Homo sapiens 146 <400> SEQUENCE: 14 31 147 ctcttctaaa aaatcccrcr aactcccgcc g 150 <210> SEQ ID NO: 15 151 <211> LENGTH: 29 152 <212> TYPE: DNA 153 <213> ORGANISM: Homo sapiens 155 <400> SEQUENCE: 15 29 156 aaaacrccct aaaatccccg aaatcgccg 159 <210> SEQ ID NO: 16 160 <211> LENGTH: 30 161 <212> TYPE: DNA 162 <213> ORGANISM: Homo sapiens 164 <400> SEQUENCE: 16 30 165 aactcccrcc gaccccaacc ccgacgaccg 168 <210> SEQ ID NO: 17 169 <211> LENGTH: 23 170 <212> TYPE: DNA 171 <213> ORGANISM: Artificial Sequence 174 <223> OTHER INFORMATION: Oligo which binds bisulfite-converted human GST-Pi gene 173 <220> FEATURE: 176 <400> SEQUENCE: 17 23 177 aaacctaaaa aataaacaaa caa 180 <210> SEQ ID NO: 18 181 <211> LENGTH: 23 182 <212> TYPE: DNA 183 <213> ORGANISM: Artificial Sequence 185 <220> FEATURE: 186 <223> OTHER INFORMATION: Oligo which binds non-converted human GST-Pi gene 188 <400> SEQUENCE: 18 23 189 gggcctaggg agtaaacaga cag 192 <210> SEQ ID NO: 19 193 <211> LENGTH: 25 194 <212> TYPE: DNA 195 <213> ORGANISM: Artificial Sequence 197 <220> FEATURE: 198 <223> OTHER INFORMATION: Oligo which binds human GST-Pi gene 200 <400> SEQUENCE: 19 25 201 cctttccctc tttcccarrt cccca 204 <210> SEQ ID NO: 20 205 <211> LENGTH: 25 206 <212> TYPE: DNA 207 <213> ORGANISM: Artificial Sequence 209 <220> FEATURE: 210 <223> OTHER INFORMATION: Oligo which binds bisulfite-converted human GST-Pi gene 212 <400> SEQUENCE: 20 25

213 tttggtattt tttttcgggt tttag

RAW SEQUENCE LISTING PATENT APPLICATION: US/09/673,448D DATE: 01/28/2005 TIME: 15:33:10

216 <210> SEQ ID NO: 21	
217 <211> LENGTH: 25	
218 <212> TYPE: DNA	
219 <213> ORGANISM: Artificial Sequence	
OCC. COO. DEPOSIDE.	gone
221 <2205 FEATURE: 222 <223> OTHER INFORMATION: Oligo which binds non-converted human GST-Pi	gene
224 <400> SEQUENCE: 21	25
225 cttggcatcc tcccccgggc tccag	23
228 <210> SEQ ID NO: 22	
229 <211> LENGTH: 26	
230 <212> TYPE: DNA	
231 <213> ORGANISM: Artificial Sequence	
222 -220~ FFATTIRE.	
234 <223> OTHER INFORMATION: Oligo which binds human GST-Pi gene	
236 <400> SEQUENCE: 22	26
237 ggyagggaag ggaggyaggg gytggg	20
240 <210> SEQ ID NO: 23	
241 <211> LENGTH: 31	
242 <212> TYPE: DNA	
243 <213> ORGANISM: Homo sapiens	
245 <400> SEQUENCE: 23	31
246 ttatgtaata aatttgtata ttttgtatat g	31
249 <210> SEQ ID NO: 24	
250 <211> LENGTH: 25	
251 <212> TYPE: DNA	
252 <213> ORGANISM: Homo sapiens	
254 <400> SEQUENCE: 24	25
255 tgtagattat ttaaggttag gagtt	23
258 <210> SEQ ID NO: 25	
259 <211> LENGTH: 27	
260 <212> TYPE: DNA	
261 <213> ORGANISM: Homo sapiens	
263 <400> SEQUENCE: 25	27
264 aaacctaaaa aataaacaaa caacaaa	2,
267 <210> SEQ ID NO: 26	
268 <211> LENGTH: 29	
269 <212> TYPE: DNA	
270 <213> ORGANISM: Homosapiens	
272 <400> SEQUENCE: 26	29
273 aaaaaacctt tccctctttc ccaaatccc	2,5
276 <210> SEQ ID NO: 27	
277 <211> LENGTH: 27	
278 <212> TYPE: DNA	
279 <213> ORGANISM: Homo sapiens	
281 <400> SEQUENCE: 27	27
282 tttgttgttt gtttattttt taggttt	
285 <210> SEQ ID NO: 28	
286 <211> LENGTH: 26	
287 <212> TYPE: DNA	

RAW SEQUENCE LISTING DATE: 01/28/2005 PATENT APPLICATION: US/09/673,448D TIME: 15:33:10

	<213> ORGANISM: Homo sapiens <400> SEQUENCE: 28	
	gggatttggg aaagagggaa aggttt	26
	<210> SEQ ID NO: 29	
	<211> LENGTH: 24	
	<212> TYPE: DNA	
	<213> ORGANISM: Homosapiens	
	<400> SEQUENCE: 29	
300	actaaaaact ctaaacccca tccc	24
303	<210> SEQ ID NO: 30	
304	<211> LENGTH: 24	
305	<212> TYPE: DNA	
306	<213> ORGANISM: Homo sapiens	
308	<400> SEQUENCE: 30	
309	aacctaatac taccttaacc ccat	24
312	<210> SEQ ID NO: 31	
313	<211> LENGTH: 33	
314	<212> TYPE: DNA	
315	<213> ORGANISM: Homo sapiens	
317	<400> SEQUENCE: 31	
	aatcctcttc ctactatcta tttactccct aaa	33
	<210> SEQ ID NO: 32	
	<211> LENGTH: 29	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 32	
	aaaacctaaa aaaaaaaaa aaacttccc	29
	<210> SEQ ID NO: 33	
	<211> LENGTH: 29	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 33	
	ttggttttat gttgggagtt ttgagtttt	29
	<210> SEQ ID NO: 34	
	<211> LENGTH: 29	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 34	20
	ttttgtgggg agttggggtt tgatgttgt	29
	<210> SEQ ID NO: 35 <211> LENGTH: 29	
	<211> LENGTH: 29 <212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 35	
	ggtttagagt ttttagtatg gggttaatt	29
	<210> SEQ ID NO: 36	4. 9
	<211> LENGTH: 20	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
200	allo didition nome paperns	

VERIFICATION SUMMARY

DATE: 01/28/2005

PATENT APPLICATION: US/09/673,448D

TIME: 15:33:11